

AMENDMENTS TO THE CLAIMS

CLAIM SET AS AMENDED

1. (Cancelled)

2. (Currently Amended) The A pneumatic tire, ~~wherein at least one cord-reinforced layer is comprising~~

a carcass extending between bead portions through a tread portion and sidewall portions,

said carcass comprising at least one ply of carcass cords extending between the bead portions,

each said carcass cord being made up of seven to twelve metallic filaments whose diameter is in a range of from 0.15 to 0.30 mm,

said seven to twelve metallic filaments being grouped into a plurality of elements, said plurality of elements being ~~(i) bunches of two or three or four filaments, or (ii) one filament and bunches of two or three or four filaments,~~

said plurality of elements being twisted at a twist pitch PC of from 10 to 25 mm, each bunch including at least one waved filament and at least one unwaved filament,

the filaments in each said bunch being twisted at a twist pitch Pf of from 3 to 20 times the twist pitch PC, and

the waved filament being two-dimensionally waved at a wave pitch and wave height before being twisted, wherein the wave pitch is in a range of from 5.0 to 30.0 times the

diameter of the filament, and the wave height is in a range of from 0.5 to 4.0 times the diameter of the filament.

3. (Currently Amended) The pneumatic tire according to ~~claim 2~~ claim 15, wherein the filaments in each said bunch are twisted at a twist pitch P_f of from 3 to 20 times the twist pitch P_c .

4. (Original) The pneumatic tire according to claim 2, wherein each said bunch is made up of two or three filaments.

5. (Original) The pneumatic tire according to claim 2, wherein the bunch includes plural kinds of waved filaments having different wave pitches.

6-14. (Cancelled)

15. (Currently Amended) The A pneumatic tire ~~according to claim 2, wherein~~ comprising

a carcass extending between bead portions through a tread portion and sidewall portions, and

~~said at least one cord reinforced layer further includes~~ a bead reinforcing layer

disposed in [a] each said bead portion,

said carcass comprising at least one ply of carcass cords extending between the bead portions, wherein:

each said carcass cord is made up of seven to twelve metallic filaments whose diameter is in a range of from 0.15 to 0.30 mm;

said seven to twelve metallic filaments are grouped into a plurality of elements, said plurality of elements being (i) bunches of two or three or four filaments, or (ii) one filament and bunches of two or three or four filaments;

said plurality of elements are twisted at a twist pitch PC of from 10 to 25 mm;

each bunch includes at least one waved filament and at least one unwaved filament;
and

the waved filament is two-dimensionally waved at a wave pitch and wave height before being twisted, the wave pitch being in a range of from 5.0 to 30.0 times the diameter of the filament, and the wave height being in a range of from 0.5 to 4.0 times the diameter of the filament,

said bead reinforcing layer being made of bead reinforcing cords, wherein:

each said bead reinforcing cord ~~being~~ is made up of seven to twelve metallic filaments whose diameter is in a range of from 0.17 to 0.25 mm and a wrapping wire wound around the filaments and having a diameter in a range of from 0.13 to 0.17 mm[.];

said metallic filaments ~~including~~ includes at least two waved filaments and at least three unwaved filaments[.];

the waved filament is two-dimensionally waved before twisted so as to be made up of straight segments in a zigzag formation[.];

all the waved filaments ~~having~~ have the same wave pitch and the same wave height, the wave pitch being in a range of from 10.0 to 35.0 times the diameter of the filament, and the wave height being in a range of from 0.5 to 4.0 times the diameter of the filament, and the value dXh/Pw is in a range of from 0.014 to 0.028[.];

said seven to twelve metallic filaments ~~being~~ are twisted at a twist pitch of from 10 to 30 mm while interchanging at least two of said seven to twelve metallic filaments in their relative position[.]; and

the wrapping wire ~~being~~ is wound around the twisted filaments in a direction reverse to said twist direction at a winding pitch of 3.0 to 7.0 mm.

16. (Cancelled)